Quiz No.01

Theory of Automata

Instructor Name: Mr. Tahir Iqbal Program: BSCS 4A/4B (Fall-2023)

*Question No.1*

**What is the condition of valid and invalid alphabet, explain with examples**

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*Question. No.2*

**Write the Languages Ls of string for the following conditions**

1. The language L of strings of odd length, defined over
2. The language L of strings of length 2, defined over r
3. The language EQUAL, of strings with number of a’s equal to number of b’s, defined over
4. The language {anbnan}, of strings defined over

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*Question No. 3*

**Write the Recursive definition of the following**

1. Defining the language PALINDROME, defined over
2. Defining the language L, of strings containing aa or bb , defined over

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**Good Luck**